

**Method for correcting calibration values in a calibration table of a computed tomography apparatus**

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**Abstract**

In a method for correcting a calibration table  $T(n,k)$  of a CT apparatus that contains calibration values, the CT apparatus having a detector system with  $N \geq 2$  rows of detector elements following one another in the z-direction that include a first active row of detector elements in the z-direction and a last active row of detector elements in the z-direction, for correcting the calibration values of the aforementioned first and last active rows of detector elements, a reference vector  $R(k)$  is produced, the error is determined with respect to the first and last active rows of detector elements, and the error  $F(n,k)$  of the first and last active rows of detector elements is subtracted from the corresponding calibration values of the calibration table  $T(n,k)$  for determining corrected calibration values  $T_{cor}(n,k)$  with respect to the first and last active rows of detector elements

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